GOVERNMENT OF INDIA
ROAD TRANSPORT AND HIGHWAYS
LOK SABHA

UNSTARRED QUESTION NO:2406
ANSWERED ON:16.03.2017
MoU with NRSC
Kothapalli Smt. Geetha

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether the Government has signed an MoU with the National Remote Sensing Centre (NRSC) under ISRO and NECTAR for use of spatial technology for monitoring and managing National Highways (NHs);

(b) if so, the details thereof;

(c) whether the NRSC distributes remote sensing satellite data products in India and NECTAR uses unmanned aerial vehicles technology for acquiring aerial images for infrastructure planning; and

(d) if so, the details thereof and the report prepared on each National Highway, State/UT-wise so far?

Answer

THE MINISTER OF STATE IN THE
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
(SHRI PON. RADHAKRISHNAN)

(a) & (b) Yes, Madam. An MOU has been signed between National Highways Authority of India (NHAI) and National Remote Sensing Centre (NRSC) and North East Centre for Technology Application and Research (NECTAR) on 08.01.2016 with an objective to use Geo Spatial Technologies in various stages of National Highway projects viz., Feasibility study preparation, Detailed Project Report (DPR) preparation, Monitoring of construction operation and maintenance, Asset Management and Road Asset Management System (RAMS) interface with Bhuvan Geo-portal.

(c) & (d) Yes, Madam. Satellite Imagery was obtained from NRSC for preparation of DPR of Chilkaluripet bypass in the State of Andhra Pradesh. Aerial Survey was conducted at Morena check post in the State of Madhya Pradesh to check the traffic congestion. Aerial surveys were also conducted at six corridors of National Highways on pilot basis.
*****